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(54) Title: **DEVICE FOR GENERATING UV RADIATION**

(57) Abstract: The invention relates to a device for generating ultraviolet radiation by means of an excimer discharge, which device is equipped with an at least partly UV-transparent discharge vessel whose discharge space is filled with a gas filling, with means for triggering and maintaining an excimer discharge in the discharge space, and with a coating that contains a phosphor comprising a host lattice and neodymium(III) as an activator. The invention also relates to the use of the device for photolytic processes.

WO 03/075314 A1